BRUHAT BENGALURU MAHANAGARA PALIKE (BBMP)

DETAILED ABSTRACT

Detailed Modified Estimate for CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.

			Amont
I	**CIVIL WORKS**		
a.	Total Amount for Civil works		41,993,238.43
II	**ELECTRICAL WORKS**		
a.	Total Amount for Internal Electrical works		4,590,363.00
b.	Total Amount for External Electrical works		1,927,919.00
III	**PLUMBING & SANITARY WORKS**		
a.	Total amount for Plumbing & sanitary work	-	929,189.00
IV	**EIRL WORKS**		6,334,442.00
		TOTAL	**55,775,151.00**
		SAVINGS AMOUNT	**22,567.00**
		GRAND TOTAL	**55,797,718.00**

RUPEES FIVE CRORE FIFTY SEVEN LAKH NINTY SEVEN THOUSAND SEVEN HUNDRED EIGHTEEN ONLY

Assistnt Executive Engineer(P)
BBMP,RRNagar

Assistant Executive Engineer(p)
BBMP,RR Nagar

Executive Engineer(p)
BBMP,RR Nagar

Modified Estimate.

TECHNICAL SANCTION

Rs: 55,775,151/- (Rs Five crore fifty seven lakhs seventy five thousand one hundred & fifty one only.) is accorded under the head:

P-3461

By CE(R.R.N.) P.N. 20-21

Registered as CE (R.R.N) No: 80/20-21 subject to conditions contained in enclosed memo No: 80/20-21 dt. 17/06/2020

CE (R.R.N.)

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BRAUATH BANGALORE MAHANAGARA PALIKE (BBMP)

MODIFIED ESTIMATE

NAME OF WORK:**CONSTRUCTION OF MPED BUILDING (GOVT SCHOOL) AT JALAHALLI VILLAGE IN WARD NO.16.**

Sl No	Description of work	Unit	No	Dimensions			Cost Rs Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			55,797,718.00
	DEMOLITION WORK								
1	KSRRB 200-8 clearing grubbing road lane including up rooting rank vegitation , grass , brush , shrubs , sapling & trees of girth up to 300mm by manual means, in area of **light jungle** , removal of stumps , disposal of un serviceabale materials , stacking of serviceabale materials with in a lead of 100 mtr from road boundary , labour charges complete as per specifications								
	Site area	Sqm	1	700.00	1.00	--	700.00		
							700.00	**7.00**	**4900.00**
2	KSRRB M200- 12.1 Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scaffolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, complete as per specification 1.) Lime concrete/ Cement Concrete -KSRRB M200- 13.1 - do- II by mechanicaal means A cement Concrete Grade M 15- M20								
		Cum							
	Building		1	40.00	5.50	0.150	33.00		
			1	50.00	6.00	0.150	45.00		
			1	5.00	9.00	0.150	6.75		
							84.75	**428.00**	**36273.00**
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-14.2. –do– Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202								
		Cum							
	Building		1	100.00	0.23	3.000	69.00		
			1	100.00	0.23	3.000	69.00		
							138.00		
	SB Qty	13.57							
	Qty Up to 125%	16.96					**16.96**	**303.00**	**5140.00**
	(P.No.139, I.No.18.20 S.R 2018-19)	351.00							
	Area weightage 8%	28.08							
	Total Rs	379.08							
	Tender Premium +14.95%	56.67							
	Total Rs	435.75							
	Above 125% of Qty						**121.04**	**435.75**	**52743.00**
4	KSRRB M200- 12.1 Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scaffolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, B13 complete as per specification !!!) Dismanteling of Stone masonary MORTH Specification 202								
		Cum							
	Foundation		1	100.00	0.60	0.600	36.00		
	II course		1	200.00	0.45	0.450	40.50		
			1	200.00	0.45	0.230	20.70		
							97.20		
						Say	97.50	**303.00**	**29543.00**
	TOTAL AMOUNT FOR DEMOLITION WORK								**128599.00**
	EARTH WORK								
5	Earthwork excavation for **foundation** of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width **in IN ORDINARY SOIL** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.								

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Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
		Cum							
	For Footigs								
	F1		5	2.75	2.95	1.500	60.84		
	F2		2	3.15	3.35	1.500	31.66		
	F2A		1	2.80	3.35	1.500	14.07		
	F3		4	3.35	3.75	1.500	75.38		
	F4		7	3.65	3.95	1.500	151.38		
	F5		2	3.95	4.15	1.500	49.18		
	F6		1	4.35	4.55	1.500	29.69		
	CF-1		1	3.85	4.75	1.500	27.43		
	Compound gate pillers		4	1.50	1.50	1.500	13.50		
		22							
	Retaining wall								
	Total Perimeter Length		1	60.00	1.90	1.500	171.00		
	Compound wall		1	120.00	0.90	1.500	162.00		
	For Stair Case		1	1.90	0.80	1.500	2.28		
							788.41		
	Considered 70% of Total Qty						551.89		
						Say	**551.90**	**235.00**	**129,696.50**
6	Earthwork excavation for **foundation** of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width **in IN HARD SOIL** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.								
		Cum							
	Considered 20% of Total Qty						157.68		
						Say	**157.70**	**351.00**	**55,352.70**
7	KSRB 2-2.3 : Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications.								
		Cum							
	Considered 10% of Total Qty						55.19		
						Say	**55.20**	**628.00**	**34,665.60**
8	Earth work for foundation of Structures upto 3.0 mt depth **by Mechanical means** as per drawing & techinical specification including setting ot,providing Shoring, strutting and bracing , removal of stumps and other and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising /transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM of machineries etc., complete.								
		Cum							
	Basement Excavation		1	550.00		2.50	1375.00		
						Say	1375.00		
	SB Qty	45.5							
	Qty Up to 125%	56.88					**56.88**	**84.00**	**4778.00**
	(P.No.8, I.No.2.24 S.R 2018-19)	61.00							
	Area weightage 8%	4.88							
	Total Rs	65.88							
	Tender Premium +14.95%	9.85							
	Total Rs	75.73							
	Above 125% of Qty						**1318.13**	**75.73**	**99821.00**
9	KSRB 3.2: Providing and injecting chemical emulsion for Pre-constructional **Anti-Termite Treatment**, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured) Specification No.KBS: 3.2.6 / 3.2.7								
		Sqm							

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Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
	Plinth area		1	475.00	--	--	475.00		
							475.00		
						Say	475.00	128.00	60,800.00
10	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305								
	Filling of murrum up to plinth bottom level	**Cum**							
	Basement Floor (Average filling 0.60m)		1	475.00	--	0.600	285.00		
						Say	**285.00**	**375.00**	**106,875.00**
	TOTAL AMOUNT FOR EARTH WORK								**491,988.80**
	PCC & RCC WORK								
11	Providing and laying in position **plain cement concrete of mix 1:3:6 with OPC cement** @ 220kgs, with 40mm & down size graded grinite metel coarse aggregates @ 0.892 cum & fine aggregates @ 0.465 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in **foundation & plinth**, cost of all materials, labour, HOM of machinery, curing complete as per specification.								
		Cum							
	Footing								
	F1		5	2.75	2.95	0.150	6.08		
	F2		2	3.15	3.35	0.150	3.17		
	F2A		1	2.80	3.35	0.150	1.41		
	F3		4	3.35	3.75	0.150	7.54		
	F4		7	3.65	3.95	0.150	15.14		
	F5		2	3.95	4.15	0.150	4.92		
	F6		1	4.35	4.55	0.150	2.97		
	CF-1		1	3.85	4.75	0.150	2.74		
		22							
	Compound gate pillers		4	1.50	1.50	0.150	1.35		
	Retaining wall								
	Total Perimeter Length		1	105.00	1.90	0.125	24.94		
	Compound wall		1	120.00	0.90	0.125	13.50		
	For Stair case		1	1.90	0.80	0.125	0.19		
	For Flooring								
	Total Area		1	425.00	--	0.125	53.13		
	Allround Flagging		1	167.00	--	0.125	20.88		
							157.94		
						Say	**158.00**	**6,264.00**	**989,712.00**
12	Providing and laying in position **plain cement concrete of mix 1:2:4 with OPC cement** @ 240kgs, with 20mm & down size graded grinite metel coarse aggregates @ 0.69 cum & fine aggregates @ 0.459 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in **foundation & plinth & Cills** including cost of all materials, labour, HOM of machinery, curing complete as per specification.								
		Cum							
	Window Cills all floors		3	80.00	0.23	0.100	5.52		
	Terrace Parapet wall coping		1	90.00	0.23	0.100	2.07		
	Screed Concrerte		1	525.00	--	0.075	39.38		
	Flagging Concrete finishing		1	150.00	1.00	0.050	7.50		
							54.47		
						Say	**54.50**	**6,755.00**	**368,147.50**

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Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
13	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix **M25** with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, **Maichine mixed,** concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, fillets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification.								
		Cum							
	For Lintels, Tie beam, cill, staircase etc…								
	Basement Floor Levl- 01 (EIRL)								
	Plinth Beam (230X450)								
	Horz'l		1	70.00	0.23	0.450	7.25		
	Vert'l		1	50.00	0.23	0.450	5.18		
			120						
	For Stair Case								
	Flight waist slab		1	13.75	1.50	0.165	3.40		
	Steps	0.5	20.0	1.50	0.30	0.150	0.68		
	Landing		2	1.50	1.50	0.150	0.68		
			1	4.60	1.50	0.150	1.04		
	Landing Beam		1	5.50	0.45	0.230	0.57		
							18.78		
						say	**18.80**		
	Ground Floor								
	Plinth Beam								
	Plinth Beam (230X450)		1	112.00	0.23	0.450	11.59		
	Lift pit area		1	10.00	0.23	0.450	1.04		
	For Lintel.								
	Over Doors								
	Entrance Lobby Door		3	3.30	0.23	0.230	0.52		
	Toilet		3	1.30	0.23	0.230	0.21		
	W		6	2.70	0.23	0.230	0.86		
	W1		8	1.80	0.23	0.230	0.76		
	SW		3	3.00	0.23	0.230	0.48		
	Ventilators		7	0.90	0.23	0.150	0.22		
	Through Partition Wall (total length)		1	55.00	0.12	0.150	0.95		
	For Stair Case								
	Flight waist slab		1	16.00	1.50	0.165	3.96		
	Steps	0.5	24.0	1.50	0.30	0.150	0.81		
	Landing		2	1.50	1.50	0.150	0.68		
			1	4.60	1.50	0.150	1.04		
	Landing Beam		1	5.50	0.23	0.450	0.57		
							42.47		
						say	**42.50**	**7,723.00**	**328,227.50**
14	**First Floor**								
	For Lintel.								
	Over Lift Opening		1	1.00	0.23	0.230	0.05		
	RS		2	3.50	0.23	0.230	0.37		
	W		2	2.70	0.23	0.230	0.29		
	W1		6	1.80	0.23	0.230	0.57		
	SW		3	3.00	0.23	0.230	0.48		
	Ventilators		5	1.20	0.23	0.230	0.32		
	Through Partion Wall		1	30.00	0.12	0.150	0.52		
	For Stair Case								
	Flight waist slab		1	16.00	1.50	0.165	3.96		
	Steps	0.5	24.0	1.50	0.30	0.150	0.81		
	Landing		2	1.50	1.50	0.150	0.68		
			1	4.60	1.50	0.150	1.04		
	Landing Beam		1	5.50	0.45	0.230	0.57		
							9.64		
						say	**9.70**	**7,785.00**	**75,514.50**
15	**Second Floor**					**say**	**9.70**		
	Same as First Floor Qty								
	SB Qty	5.90					**7.38**	**7847.00**	**57872.00**
	Qty Up to 125%	7.38							

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Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	(P.No.14, I.No.4.10 S.R 2018-19)	6059.56							
	Area weightage 8%	484.7648							
	Total Rs	6544.32							
	Tender Premium +14.95%	978.38							
	Total Rs	7522.70							
	Above 125% of Qty						2.33	7522.70	17528.00
16	**Third Floor**								
	Same as First Floor Qty					say	9.70		
	SB Qty	5.90							
	Qty Up to 125%	7.38					7.38	7909.00	58329.00
	(P.No.14, I.No.4.10 S.R 2018-19)	6119.56							
	Area weightage 8%	489.5648							
	Total Rs	6609.12							
	Tender Premium +14.95%	988.06							
	Total Rs	7597.19							
	Above 125% of Qty						2.33	7597.19	17701.00
17	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of **ready mixed concrete for RCC works** laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges)								
	Ready mixed Cement concrete for Beams, Staircase and Roof with M-25								
		Cum							
	Basement Floor								
	Footings								
	F1		5	2.30	2.50	0.600	17.25		
	F2		2	2.70	2.90	0.650	10.18		
	F2A		1	2.35	2.90	0.650	4.43		
	F3		4	2.90	3.30	0.700	26.80		
	F4		7	3.20	3.50	0.850	66.64		
	F5		2	3.50	3.70	0.900	23.31		
	F6		1	3.90	4.10	0.800	12.79		
	CF-1		1	3.40	4.30	0.800	11.70		
	Retaining wall - base		1	120.00	1.60	0.450	86.40		
	Compound gate pillers		4	1.50	1.50	0.380	3.42		
	Pedestals								
	Column C1 - [300X600]		0	0.45	0.75	1.000	0.00		
	Column C2 - [300X750]		6	0.45	0.90	1.000	2.43		
	Column C3 - [300X900]		1	0.15	1.05	1.000	0.16		
	Compound gate pillers		4	0.28	0.38	1.000	0.43		
	Retaining wall		1	105.00	0.23	2.500	60.38		
	Lift Pit- R. Wall		1	9.00	0.23	3.500	7.25		
	For Column.								
	Basement Floor Below Plinth Beams								
	Column C1 - [300X600]		5	0.30	0.60	0.600	0.54		
	Column C2 - [300X750]		17	0.30	0.75	0.600	2.30		
	Column C3 - [300X900]		1	0.30	0.90	0.600	0.16		
	Basememt Floor Above Plinth Beams								
	Column C1 - [300X600]		5	0.30	0.60	3.150	2.84		
	Column C2 - [300X750]		17	0.30	0.75	3.150	12.05		
	Column C3 - [300X900]		1	0.30	0.90	3.150	0.85		
	Basement Floor Roof Beams								
	Beam (230 x 750)		1	80.00	0.23	0.600	11.04		
	Beam (300 x 600)		1	137.00	0.30	0.450	18.50		
	Beam (230 x 450)		1	30.00	0.23	0.300	2.07		
	ROOF SLAB								
	Basement Floor Roof Slab								
	Total Roof Area		1	450.00	–	0.150	67.50		

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Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
	Deduction								
	For Stair case		1	4.80	4.12	0.150	-2.97		
	Duct		1	1.80	1.00	0.150	-0.27		
							448.15		
	Ground Floor					**say**	**448.20**		
	Column C1 - [300X600]		5	0.30	0.60	3.150	2.84		
	Column C2 - [300X750]		17	0.30	0.75	3.150	12.05		
	Column C3- [300X900]		1	0.30	0.90	3.150	0.85		
	Compound gate pillers		4	0.30	0.30	2.500	0.90		
	Lift Shaft		1	9.00	0.23	3.600	7.45		
	Deduct Openings		-2	1.00	0.23	2.100	-0.97		
	Ground Floor Roof Beams								
	Beam (230 x 750)		1	100.00	0.23	0.600	13.80		
	Beam (300 x 600)		1	189.20	0.30	0.450	25.54		
	Beam (230 x 450)		1	60.00	0.23	0.300	4.14		
	Ground Floor Roof Slab								
	Deduction		1	525.00	0.00	0.150	78.75		
	Roof projection allround		1	100.00	0.60	0.150	9.00		
	For Stair case								
	Duct		1	4.80	4.12	0.150	-2.97		
	Duct		1	1.80	1.00	0.150	-0.27		
							599.32		
						say	**599.40**		
	SB Qty	260.43							
	Qty Up to 125%	325.54					**325.54**	**7750.00**	**2522916.00**
	(P.No.14, I.No.4.49.3 S.R 2018-19)	5598.00							
	Area weightage 8%	447.84							
	Total Rs	6045.84							
	Tender Premium +14.95%	903.85							
	Total Rs	6949.69							
	Above 125% of Qty						**273.86**	**6949.69**	**1903243.00**
18	**First Floor**								
	Column C1 - [300X600]		5	0.30	0.60	3.150	2.84		
	Column C2 - [300X750]		17	0.30	0.75	3.150	12.05		
	Column C3 - [300X900]		1	0.30	0.90	3.150	0.85		
	Lift Shaft		1	9.00	0.23	3.600	7.45		
	Deduct Openings		-2	1.00	0.23	2.100	-0.97		
	First Floor Roof Beam								
	Same asGround Floor Qty					**say**	**43.48**		
	First Floor Roof Slab								
	Total Roof Area		1	525.00	0.00	0.150	78.75		
	Deduction								
	Stair case		1	4.80	4.12	0.150	-2.97		
	Duct		1	1.80	1.00	0.150	-0.27		
							141.22		
						say	**141.30**	**7,750.00**	**1,095,075.00**
19	**Second Floor**								
	Column C1 - [300X600]		5	0.30	0.60	3.150	2.84		
	Column C2 - [300X750]		17	0.30	0.75	3.150	12.05		
	Column C3 - [300X900]		1	0.30	0.90	3.150	0.85		
	Lift Shaft		1	9.00	0.23	3.600	7.45		
	Deduct Openings		-2	1.00	0.23	2.100	-0.97		
	Second Floor Roof Beam								
	Same as First Floor Qty					say	**43.48**		
	Second Floor Roof Slab								
	Same as First Floor Slab					**say**	**75.51**		
							141.22		
							141.30	**7,750.00**	**1,095,075.00**
20	**Third Floor**								
	Column C1 - [300X600]		5	0.30	0.60	3.150	2.84		
	Column C2 - [300X750]		17	0.30	0.75	3.150	12.05		
	Column C3 - [300X900]		1	0.30	0.90	3.150	0.85		

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Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Lift Shaft		1	9.00	0.23	3.600	7.45		
	Deduct Openings		-2	1.00	0.23	2.100	-0.97		
	Third Floor Roof Beam								
	Same as First Floor Qty								
						say	**43.48**		
	Third Floor slab								
	Same as Ground Floor Slab								
						say	**84.51**		
							150.22		
21	**Terrece Floor**						**150.50**	**7,750.00**	**1,164,825.00**
	Head Room								
	Column C1 - [300X600]		4	0.30	0.60	2.100	1.51		
	Column C2 - [300X750]		0	0.30	0.75	2.100	0.00		
	Column C3 - [300X900]		0	0.30	0.90	2.100	0.00		
	Lift Shaft		1	9.00	0.23	3.000	6.21		
	Deduct Openings		-1	1.00	0.23	2.100	-0.48		
	Terrece Floor roof Beam								
	For Head Room and Lift Machine Room		1	30.00	0.23	0.300	2.07		
	Terrece Floor Roof Slab								
	For Stair case Head Room		1	54.00		0.150	8.10		
							17.41		
	SB Qty	9.98				say	**17.50**		
	Qty Up to 125%	12.48							
	(P.No.14, I.No.4.49.3 S.R 2018-19)	5838.00					**12.48**	**7750.00**	**96681.00**
	Area weightage 8%	467.04							
	Total Rs	6305.04							
	Tender Premium +14.95%	942.60							
	Total Rs	7247.64							
	Above 125% of Qty						**5.03**	**7247.64**	**36456.00**
	TOTAL AMOUNT FOR PCC & RCC WORK								**9,827,302.50**
	SHUTTERING WORK								
22	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for **Foundation , footing ,** bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
		Sqm							
	For footings								
	F1		5	9.60	--	0.600	28.80		
	F2		2	11.20	--	0.650	14.56		
	F2A		1	10.50	--	0.650	6.83		
	F3		4	12.40	--	0.700	34.72		
	F4		7	13.40	--	0.850	79.73		
	F5		2	14.40	--	0.900	25.92		
	F6		1	16.00	--	0.800	12.80		
	CF-1		1	15.40	--	0.800	12.32		
		23							
	Compound gate pillers		4	6.00	--	0.380	9.12		
	Retaing wall base		2	105.00	--	0.450	94.50		
	Pedestals								
	Column C1 - [300X600]		0	2.40	---	1.000	0.00		
	Column C2 - [300X750]		6	2.70	---	1.000	16.20		
	Column C3 - [300X900]		1	2.40	---	1.000	2.40		
	Compound gate pillers		4	1.52	---	0.600	3.65		
		7					341.54		
						say	**341.60**	**287.00**	**98,039.20**
23	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of **beams,** beam hauncing cantilever girders, bressumers & **lintels** & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
		Sqm							
	Basement Floor								
	Plinth Beam								

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Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
	Plinth Beam (230X450)								
	Horz'l		2	70.00	--	0.450	63.00		
	Vert'l		2	50.00	--	0.450	45.00		
	For Lintel.								
	Over Doors								
	Entrance Lobby Door								
	Base	2	2	5.00	---	0.230	4.60		
	For Roof Beam	1	2	5.00	0.23	---	2.30		
	Beam (230 x 750)								
	Base	2	1	80.00	---	0.600	96.00		
	Beam (300 x 600)	1	1	80.00	0.23	---	18.40		
	Base	2	1	137.00	---	0.450	123.30		
	Beam (230 x 450)	1	1	137.00	0.30	---	41.10		
	Base	2	1	30.00	---	0.300	18.00		
	For Stair case Landing Beam sides	1	1	30.00	0.23	---	3.45		
		2	2	5.50	---	0.150	3.30		
							418.45		
	Ground Floor					**say**	**418.50**		
	Plinth Beam								
	Compound wall	2	1	10.00		0.450	9.00		
	For Lintel.	2	1	107.50	--	0.380	81.70		
	Over Doors								
	Entrance Lobby Door								
	Base	2	3	3.30	---	0.230	4.55		
	Toilet	1	3	3.30	0.23	---	2.28		
	Base	2	3	1.30	---	0.230	1.79		
	W	1	3	1.30	0.23	---	0.90		
	Base	2	6	2.70	---	0.230	7.45		
	W1	1	6	2.70	0.23	---	3.73		
	Base	2	8	1.80	---	0.230	6.62		
	SW	1	8	1.80	0.23	---	3.31		
	Base	2	3	3.00	---	0.230	4.14		
	Ventilators	1	3	3.00	0.23	---	2.07		
	Base	2	7	0.90	---	0.150	1.89		
	Through Partition Wall (total length)	1	7	0.90	0.23	---	1.45		
		2	1	55.00	---	0.150	16.50		
	For Roof Beam								
	Beam (230 x 750)	2	1	100.00	---	0.600	120.00		
	Base	1	1	100.00	0.23	---	23.00		
	Beam (300 x 600)	2	1	189.20	---	0.450	170.28		
	Base	1	1	189.20	0.30	---	28.38		
	Beam (230 x 450)	2	1	60.00	---	0.300	36.00		
	Base	1	1	60.00	0.23	---	6.90		
	For Stair case Landing Beam sides	2	2	5.50	---	0.150	3.30		
	Base	1	1	5.50	0.23	---	1.27		
							955.01		
						say	**955.10**	**318.00**	**303,721.80**
24	**First Floor**								
	Qty Same as per Ground floor deducting Compound wall plinth beam								
	536.6-90.7= 445.9		1	445.90			445.90		
						say	**445.90**	**324.00**	**144,471.60**
25	**Second Floor**								
	Same as First Floor Qty					say	**445.90**		
	SB Qty	344.50							
	Qty Up to 125%	430.63					**430.63**	**330.00**	**142106.00**
	(P.No.17, I.No.4.34 S.R 2018-19)	304.00							
	Area weightage 8%	24.32							
	Total Rs	328.32							
	Tender Premium +14.95%	49.08							
	Total Rs	377.40							
	Above 125% of Qty						**15.28**	**377.40**	**5767.00**
26	**Third Floor**								
	Same as First Floor Qty					say	**445.90**		
	SB Qty	344.50							

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Sl No	Description of work	Unit	No	Dimensions L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Qty Up to 125%	430.63					430.63	336.00	144690.00
	(P.No.17, I.No.4.34 S.R 2018-19)	310.00							
	Area weightage 8%	21.8							
	Total Rs	334.80							
	Tender Premium +14.95%	50.05							
	Total Rs	384.85							
	Above 125% of Qty						15.28	384.85	5881.00
27	**Terrece Floor**								
	For Head Room and Lift Machine Room		2	30.00	---	0.300	18.00		
	Base		1	30.00	0.23	---	6.90		
							24.90		
						say	**24.90**	**343.00**	**8,540.70**
28	Providing and removing centering, shuttering, strutting, propping etc., for **columns**, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2								
		Sqm							
	Basement Floor Below Plinth Beams								
	Column C1 - [300X600]		5	1.80	--	0.600	5.40		
	Column C2 - [300X750]		17	2.10	--	0.600	21.42		
	Column C3 - [300X900]		1	2.40	--	0.600	1.44		
		22							
	Basememt Floor Above Plinth Beams								
	Column C1 - [300X600]		5	1.80	--	3.150	28.35		
	Column C2 - [300X750]		17	2.10	--	3.150	112.46		
	Column C3 - [300X900]		1	2.40	--	3.150	7.56		
		22					176.63		
						Say	**176.60**		
	Ground Floor								
	Column C1 - [300X600]		5	1.80	--	3.15	28.35		
	Column C2 - [300X750]		17	2.10	--	3.15	112.46		
	Column C3- [300X900]		1	2.40	--	3.15	7.56		
	Compound gate pillers		4	1.20	--	2.500	12.00		
							336.97		
						Say	**337.00**	**454.00**	**152,998.00**
29	**First Floor**								
	Column C1 - [300X600]		5	1.80	--	3.150	28.35		
	Column C2 - [300X750]		17	2.10	--	3.150	112.46		
	Column C3 - [300X900]		1	2.40	--	3.150	7.56		
		22					148.37		
						Say	**148.40**	**461.00**	**68,412.40**
30	**Second Floor**								
	Column C1 - [300X600]		5	1.80	--	3.150	28.35		
	Column C2 - [300X750]		17	2.10	--	3.150	112.46		
	Column C3 - [300X900]		1	2.40	--	3.150	7.56		
		22					148.37		
						Say	**148.40**	**467.00**	**69,302.80**
31	**Third Floor**								
	Column C1 - [300X600]		5	1.80	--	3.150	28.35		
	Column C2 - [300X750]		17	2.10	--	3.150	112.46		
	Column C3 - [300X900]		1	2.40	--	3.150	7.56		
							148.37		
		22				Say	**148.40**	**473.00**	**70,193.20**
32	**Terrace Floor**								
	Column C1 - [300X600]		4	1.80	--	2.100	15.12		
	Column C2 - [300X750]		0	2.10	--	2.100	0.00		
		4					15.12		
						Say	**15.10**	**479.00**	**7,232.90**
33	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.								
	- do - 0-to 5.0 mts	**Sqm**							
	Basement Floor Roof Slab								
	Total Roof Area		1	450.00	--	1.00	450.00		

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